

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-48 (cancelled)

49. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data comprising a file or files to be shared;

creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server; associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient not yet possessing the file or files;

establishing communication between the recipient and the bundle server;

receiving a request for the bundle from the recipient, the request comprising, at least in part, the bundle identification information from the token;

providing a copy of the bundle containing the file or files to be shared to the recipient having the token; and

wherein the bundle identification information comprises:

a bundle identifier, ~~comprising a value generated randomly within a range of one million or more possible values;~~

a bundle store identifier ~~comprising a value generated randomly within a range of one million or more possible values;~~ and

an encrypted bundle name; corresponding to a bundle name associated with the bundle, the encrypted bundle name generated using ~~the~~ a bundle store private key.

50. (currently amended) The method of claim 49 wherein creating the bundle comprises storing the bundle in a bundle store, the bundle store associated with a bundle store sharer identity, the bundle store sharer identity being unique among a plurality of bundle store sharer identities corresponding to a plurality of bundle stores accessible to the bundle server, the bundle store containing one or more bundles, corresponding to a sharer, the sharer having a sharer identity, matching the bundle store sharer identity and wherein a copy of the bundle is readily available for receipt by any recipient communicating the bundle identification information to the bundle server.

51. (previously presented) The method of claim 50 wherein the bundle store is associated with a bundle store key pair generated by an asymmetric encryption system, the key pair including a bundle store public key and a bundle store private key and wherein creating the token comprises including the bundle store public key in the token.

52. (currently amended) An apparatus for sharing a plurality of selections of data, the apparatus comprising:

a plurality of bundle servers, each of the bundle servers configured for:

creating a bundle comprising a selection of data including a file or files to be shared with recipients not yet possessing the file or files and; storing information about ~~a~~ the selection of data in the bundle;
generating a bundle identification that is private ~~and has a value that is one of one million or more possible values~~ and associating it with the bundle; and
communicating the information about a selection of data in the bundle when provided with a requested

bundle identification corresponding to a bundle that is accessible by the bundle server;
a plurality of tokenizers, each of the tokenizers configured

for:

identifying a selection of data from a sharer;
providing the selection of data to a bundle server to create a bundle; and
obtaining the bundle identification from the bundle server;
creating a token representing the bundle, the token including the bundle identification;
providing the token to the sharer; and
a plurality of redeemers, each of the redeemers configured

for:

obtaining a token;
establishing communication with a bundle server having access to the bundle, and communicating with the bundle server, communicating comprising:
requesting the bundle identified by the bundle identification in the token; and
receiving a copy of the bundle, whereby receiving depends on having the token.

53. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data to be shared;
creating and storing a bundle containing the selection of data comprising a file or files to be shared with recipients not yet possessing the file or files and information about the selection of data in a location accessible by a bundle server;

associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient;
establishing communication between the recipient and the
bundle server;

receiving a request for the bundle from the recipient, the
request comprising at least in part the bundle identification information from the
token;

providing a copy of the bundle to the recipient having the
token; and

~~wherein the bundle identification information comprises a
value generated randomly within a range of one million or more possible values;
and~~

wherein the token includes a plurality of bundle server
communication addresses corresponding to the bundle server and the method
comprises establishing communication with the bundle server by attempting
communication with the bundle server using different ones of the plurality of
bundle server communication addresses until communication is established with
the bundle server.

54. (cancelled)

55. (currently amended) A method for sharing data with one or
more recipients, the method comprising:

identifying a selection of data comprising a file or files to
be shared;

creating and storing a bundle containing the file or files and
information about the selection of data in a location accessible by a bundle server;
associating bundle identification information with the
bundle;

creating a token representing the bundle, the token
including the bundle identification information;

providing the token to a recipient not yet possessing the file
or files;

establishing communication between the recipient and the
bundle server;

receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;

providing a copy of the bundle to the recipient having the token;

~~wherein the bundle identification information comprises a value generated randomly within a range of one million or more possible values;~~

wherein the bundle includes a retrieval limit and a retrieval count; and

wherein the method comprises inhibiting providing the copy of the bundle if providing the copy of the bundle would cause the retrieval count to exceed the retrieval limit.

56. (previously presented) A method according to claim 55 comprising:

incrementing the retrieval count each time a copy of the bundle is provided to a recipient.

57. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data comprising a file or files to be shared;

creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;

associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient not yet possessing the file or files;

establishing communication between the recipient and the bundle server;

receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;

providing a copy of the bundle to the recipient having the token;

~~wherein the bundle identification information comprises a value generated randomly within a range of one million or more possible values;~~

wherein the bundle is associated with:

a retrieved data quota;

a total retrieved data amount, based on an accumulation of retrieved data amounts corresponding to the bundle;
and

wherein the method comprises inhibiting providing the copy of the bundle if providing the copy of the bundle would cause the total retrieved data amount to exceed the retrieved data quota.

58. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data comprising a file or files to be shared;

creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;
associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient not yet possessing the file or files;

establishing communication between the recipient and the bundle server;

receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;

providing a copy of the bundle to the recipient having the token; and

~~wherein the bundle identification information comprises a value generated randomly within a range of one million or more possible values;~~
and

wherein the token includes an expiry date.

59. (previously presented) A method according to claim 58 wherein communicating with the bundle server comprises:

obtaining a current date; and

communicating with the bundle server only if the expiry date is later than the current date.

60. (currently amended) A method for sharing data with one or more recipients, the method comprising:

identifying a selection of data comprising a file or files to be shared;

creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a bundle server;
associating bundle identification information with the bundle;

creating a token representing the bundle, the token including the bundle identification information;

providing the token to a recipient not yet possessing the file or files;

establishing communication between the recipient and the bundle server;

receiving a request for the bundle from the recipient, the request comprising at least in part the bundle identification information from the token;

providing a copy of the bundle to the recipient having the token;

~~wherein the bundle identification information comprises a value generated randomly within a range of one million or more possible values;~~

wherein the bundle includes an expiry date; and
wherein the method comprises:
periodically obtaining a current date at the bundle
server; and
deleting one or more bundles, for which the expiry date
is earlier than the current date.

Claims 61-63 (cancelled)

64. (currently amended) A method for sharing data with one or more recipient computer systems, the method comprising:

identifying a selection of data comprising a file or files to be shared;
creating and storing a bundle containing the file or files and information about the selection of data in a location accessible by a destination bundle server;
associating bundle identification information with the bundle;
creating a token representing the bundle, the token including the bundle identification information;
providing the token to a recipient computer system not yet possessing the file or files;
establishing communication between the recipient computer system and the bundle server;
receiving a request for the bundle from the recipient computer system, the request comprising at least in part the bundle identification information from the token;
providing a copy of the bundle to the recipient computer system having the token; and
~~wherein the bundle identification information comprises a value generated randomly within a range of one million or more possible values;~~
~~and~~

wherein the recipient computer system and destination bundle server do not permit unsolicited communication and said method further comprises establishing communication between the recipient computer system and the destination bundle server using a relay service, said establishing including:

establishing a bundle server protocol with a plurality of bundle servers to receive ongoing communications from the plurality of bundle servers, said plurality of bundle servers including said destination bundle server;
storing a communication from the recipient computer system to the destination bundle server;
establishing a recipient protocol with the recipient computer system to receive ongoing communications from the recipient computer system;
replying to an ongoing communication from the destination bundle server, providing the stored communication from the recipient computer system to the destination bundle server;
storing a communication from the destination bundle server to the recipient computer system; and
replying to an ongoing communication from the recipient computer system, providing the stored communication from the destination bundle server to the recipient computer system.

65. (cancelled)

66. (currently amended) A method for sharing data of a sharer with a recipient, the method comprising:

displaying on a user interface of a sharer computer system, files and folders accessible to the sharer computer system;

receiving via said user interface, a selection by the sharer of files from said accessible files and folders;

creating a bundle including said selection of files in a bundle store accessible to a bundle server, said creating being responsive to said receiving;

associating said bundle with a bundle identifier that is private ~~and has a value that is one of one million or more possible values;~~

generating a token in said sharer computer system, said token including said bundle identifier and a communication address of said bundle server, ~~said generating being computer-mediated;~~

sending said token from said sharer computer system to a different, recipient computer system, said recipient system not possessing said selection of files;

receiving a communication at said bundle server;

testing said communication, said testing including determining whether said communication includes said bundle identifier; and

delivering to said recipient computer at least part of said bundle including said selection of files responsive to said receiving and testing, when said testing determines at least that said communication includes said bundle identifier.

67. (previously presented) The method of claim 66 comprising delivering said bundle when said testing determines that said communication includes said bundle identifier.

68. (previously presented) The method of claim 67 wherein said receiving is from said recipient computer system and said delivering is to said recipient computer system.

69. (currently amended) The method of claim 68 wherein said bundle server comprises another computer system separate from said sharer computer system and said recipient computer system, said bundle server includes said bundle store, and said creating further comprises sending said files ~~and/or folders~~ to said bundle server.

70. (previously presented) The method of claim 69 wherein said sending further comprises providing said token as an attachment to an e-mail communication.

71. (currently amended) The method of claim 66 wherein said bundle server comprises another computer system separate from said sharer computer system and said recipient computer system, said bundle server includes said bundle store, and said creating further comprises sending said files ~~and/or folders~~ to said bundle server.

72. (previously presented) The method of claim 66 further comprising maintaining a record of contents of said delivered bundle.

73. (previously presented) The method of claim 66 further comprising maintaining a copy of said bundle following said delivering.

74. (previously presented) The method of claim 66 wherein said generating further comprises deriving contextual information about said selection of files and adding said contextual information to said token.

75. (previously presented) The method of claim 74 wherein said contextual information includes a digest of said bundle.

76. (previously presented) The method of claim 66 further comprising, following said generating of said token and prior to said sending of said token, allowing the sharer to alter said bundle in said bundle store.

77. (previously presented) The method of claim 66 further comprising sending said token to a plurality of additional recipient computer systems, repeating said receiving, testing, and delivering at least once.

78. (previously presented) The method of claim 66 wherein said bundle identifier has a value that is one of 10EXP20 or more possible values.

79. (previously presented) The method of claim 66 wherein said bundle identifier has a value that is one of 10EXP30 or more possible values.

80. (currently amended) The method of claim 66 further comprising maintaining a ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store to be at least 10EXP15:1.

81. (currently amended) The method of claim 66 further comprising maintaining a ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store to be at least 10EXP20:1.

82. (currently amended) The method of claim 66 wherein the ratio of a number of the possible values of the bundle identifier to a number of bundles in the bundle store exceeds a maximum number of requests for bundles that could be made in one year at a maximum request rate of the bundle server by a factor of at least 1000.

83. (previously presented) The method of claim 66 wherein said bundle store is associated with a bundle store key pair generated by an asymmetric encryption system, said key pair including a bundle store public key and a bundle store private key, and wherein said generating further comprises including said bundle store public key in said token.

84. (previously presented) The method of claim 83 further comprising:

receiving one or more communications at said bundle server, said communications encrypted with said bundle store public key; and
sending one or more other communications from the bundle server, said communications encrypted with said bundle store private key.

85. (previously presented) The method of claim 83 wherein said token includes an encrypted bundle name, corresponding to a bundle name associated with the bundle, the encrypted bundle name generated using the bundle store private key.

86. (previously presented) The method of claim 66 further comprising:
receiving a pass-phrase from a user of said sharer computer system; and
prior to said sending, encrypting said token wherein said token can be decrypted with use of said pass-phrase.

87. (previously presented) The method of claim 66 wherein said generating further comprises:
creating a bundle key;
encrypting at least a part of said bundle using said bundle key; and
storing said bundle key in said token.